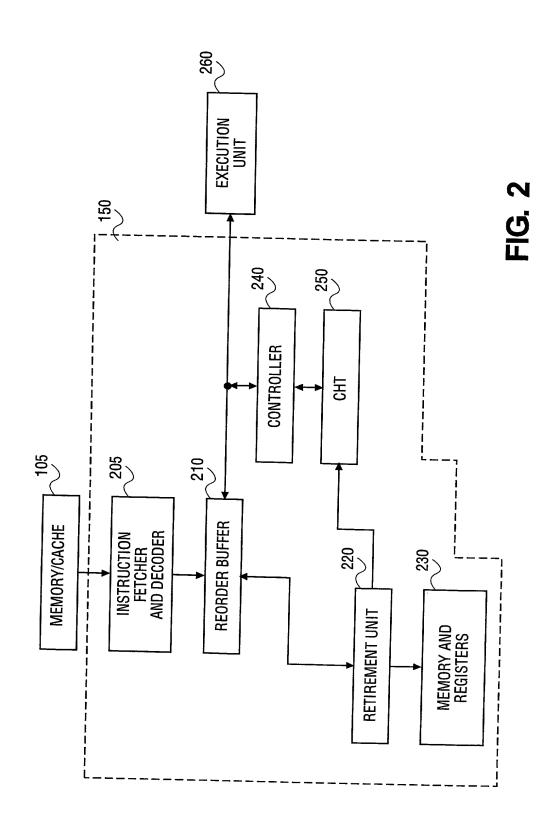
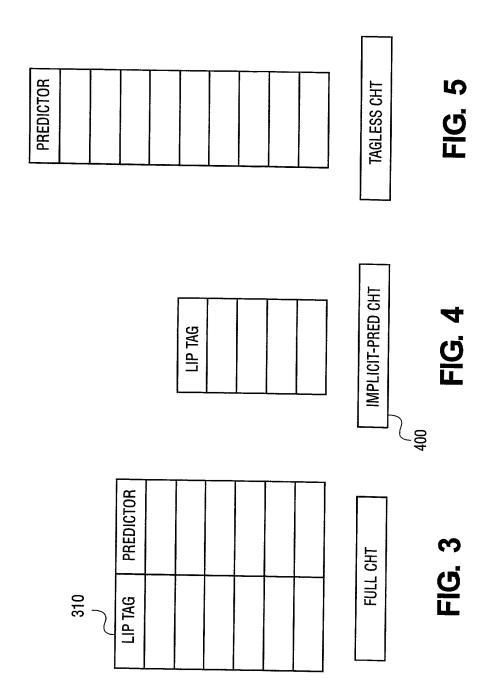
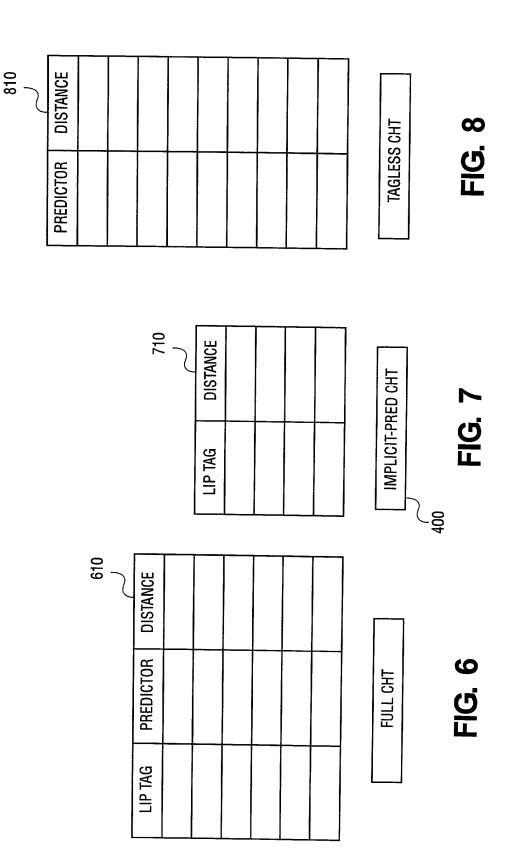
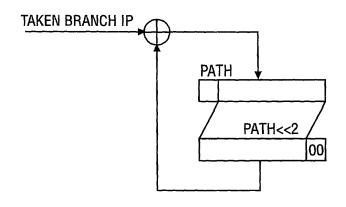


FIG. 1



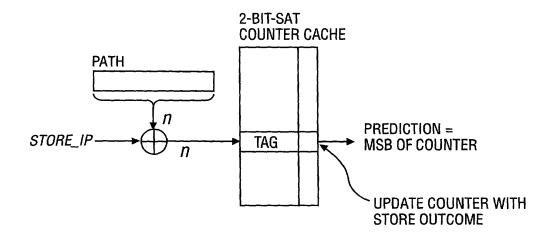






PATH UPDATE. NEW_PATH = (OLD_PATH<<2) XOR TAKEN_BRANCH_IP

FIG. 9



PREDICTOR INDEXING: INDEX = STORE_IP XOR PATH

FIG. 10

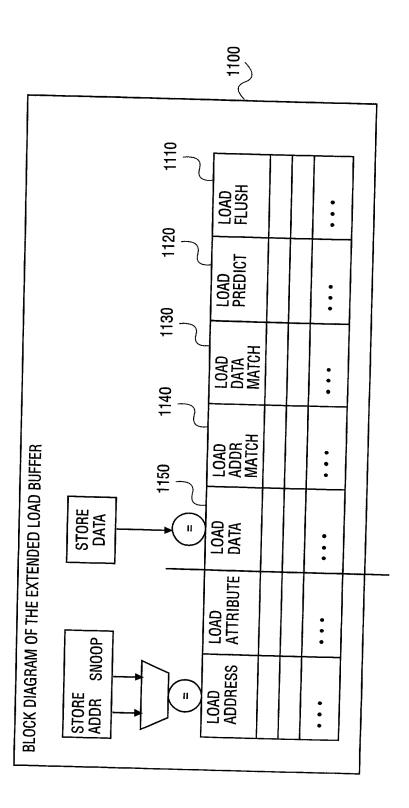
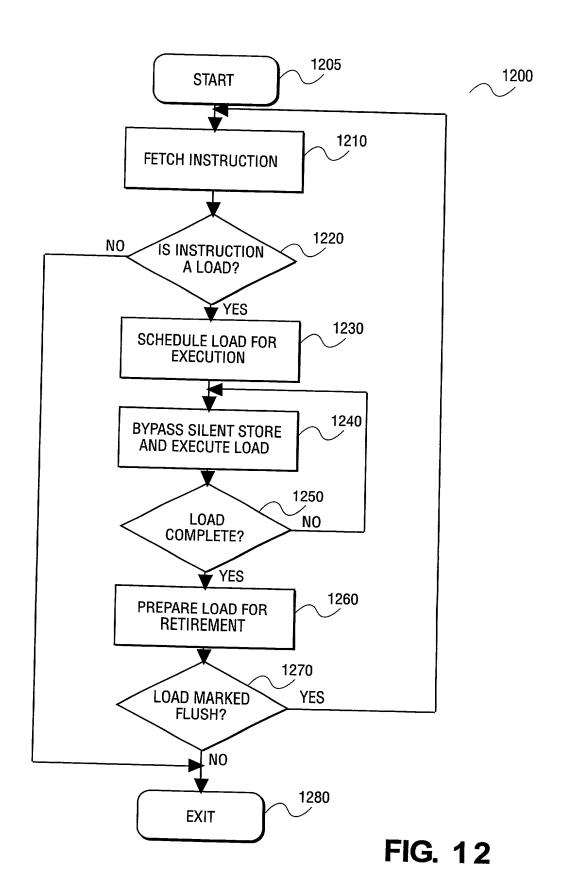


FIG. 11



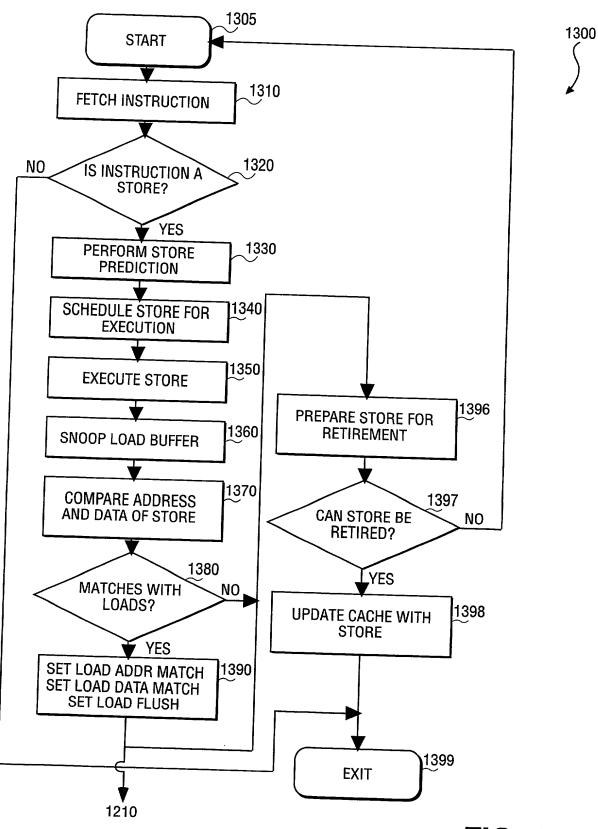


FIG. 13